

Active Recombinant Human CES2 protein(Met1-Leu559), His-tagged

Cat. No. CES2-1139H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CES2 isoform 1 (O00748-1) (Met 1-Leu 559) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	Met1-Leu559
Form	Lyophilized from sterile 50mM NaAc, 150mM NaCl, 10% Glycerol, pH 5.5 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to hydrolyze p-nitrophenylacetate. The specific activity is >20000 pmols/min/ug.
Molecular Mass	The secreted recombinant human CES2 comprises 544 amino acids with a predicted molecular mass of 60.4 kDa, as estimated in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [CES2 carboxylesterase 2 \[Homo sapiens \]](#)

Official Symbol [CES2](#)

Synonyms

CES2; carboxylesterase 2; carboxylesterase 2 (intestine, liver); cocaine esterase; CE 2; CES2A1; iCE; hCE-2; methylumbelliferyl-acetate deacetylase 2; intestinal carboxylesterase; liver carboxylesterase-2; CE-2; PCE-2;

Gene ID [8824](#)

mRNA Refseq [NM_003869](#)

Protein Refseq [NP_003860](#)

MIM [605278](#)

UniProt ID [O00748](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA